

Amendments to the Specification:

On page 1, prior to the first paragraph which begins on line 3, please insert the following:

FIELD OF THE INVENTION

On page 1, prior to the second paragraph which begins on line 7, please insert the following:

BACKGROUND OF THE INVENTION

Please replace the paragraph which begins on page 1, line 21 and ends on page 2, line 15, with the following rewritten paragraph:

Thus, for example, in European Patent, EP-A 984 248, a modular measuring device is described, which includes:

- a sensor module
- having a sensor compartment, in which a physical-to-electrical sensor is arranged; and
- an electronics module
- having an electronics compartment, in which a measuring device electronics is arranged; as well as
- a first connecting element mounted on the electronics module and electrically connected with the measuring device electronics, and a second connecting element mounted only on the first connecting element and electrically connected with the sensor;
- wherein sensor module and electronics module are releasably, mechanically connected together, accompanied by the formation of a connecting compartment lying between sensor compartment and electronics compartment, especially a connecting compartment sealed fluid-tightly, and/or pressure-tightly, against the surrounding atmosphere;

- wherein, for connecting the measuring device electronics to the sensor, the two connecting elements are electrically, especially galvanically, connected together, so that the measuring device electronics and sensor are electrically coupled together; and
- wherein the two connecting elements, connected together, are accommodated in the connecting compartment formed between sensor compartment and electronics compartment.

On page 3, prior to the paragraph which begins on line 10, please insert the following:

SUMMARY OF THE INVENTION

On page 8, prior to the paragraph which begins on line 12, please insert the following:

BRIEF DESCRIPTION OF THE DRAWINGS

On page 8, prior to the paragraph which begins on line 26, please insert the following:

DESCRIPTION OF THE PREFERRED EMBODIMENTS